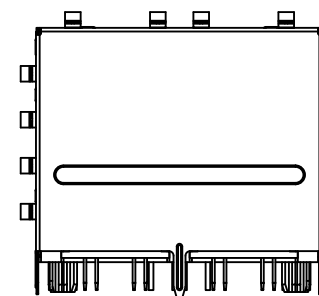
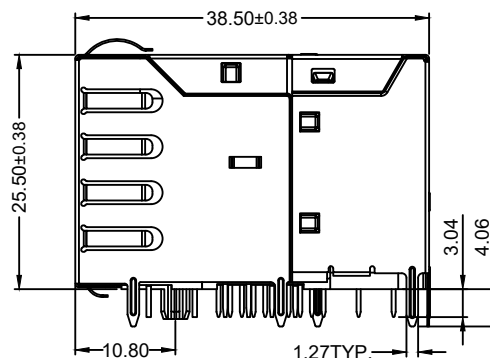
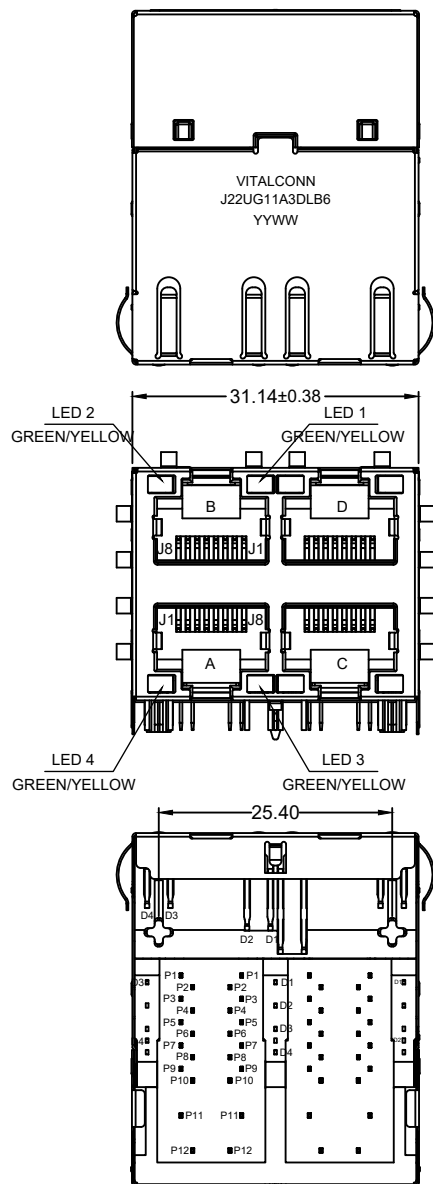




MECHANICAL DIMENSIONS :

REV:	ECN. NO.	NAME	DATE
A0	-----	-----	08-08-2026



BACK VIEW

TOLERANCE UNSPECIFIED
.0 ±0.38
.00 ±0.38
.000 ±0.38
ANGLE ±3.00°
MANUFACTURING COPY



FOR YOUR
VITAL CONNECTION

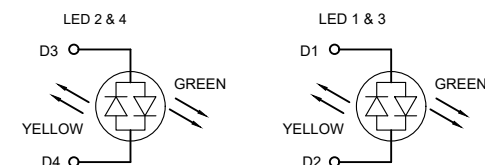
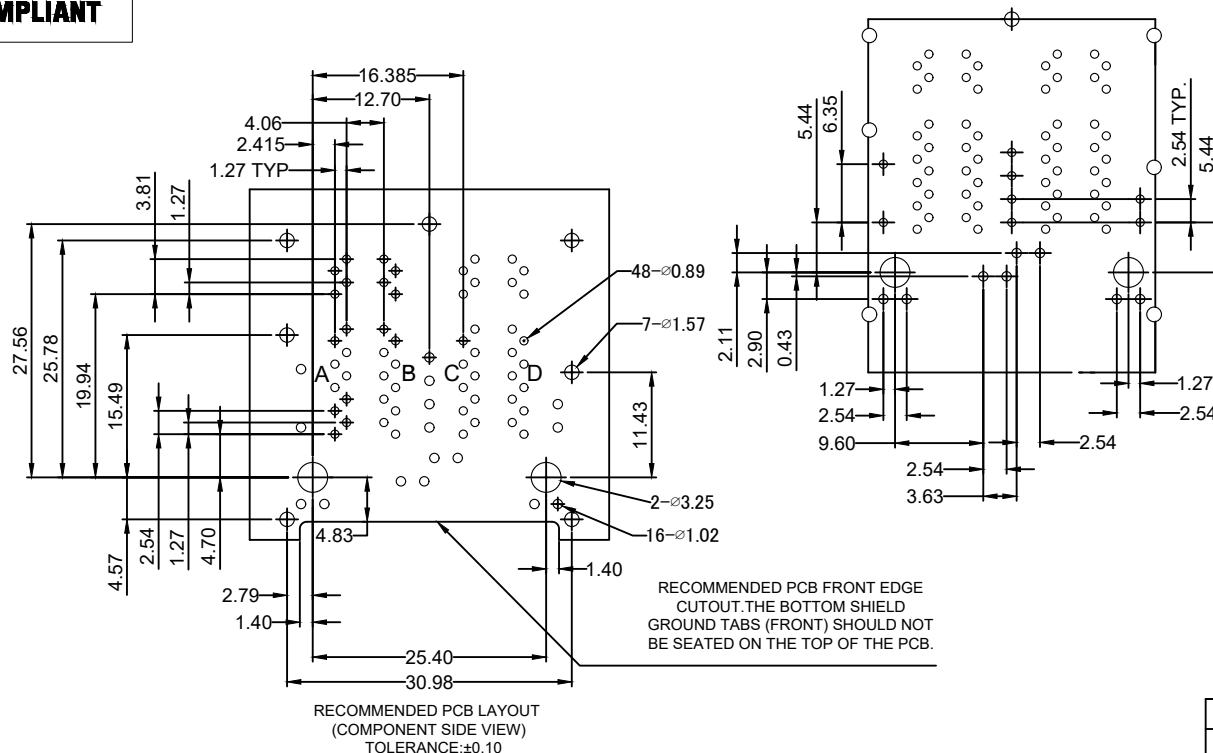
TITLE: RJ45 2X2 10/100/1000BASE-T POE PLUS

DRAWN BY:	Zou Long	PART NO:	J22UG11A3DLB6	SHEET:	1 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00222	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

For technical support, please send an email to support@vitalconn.com

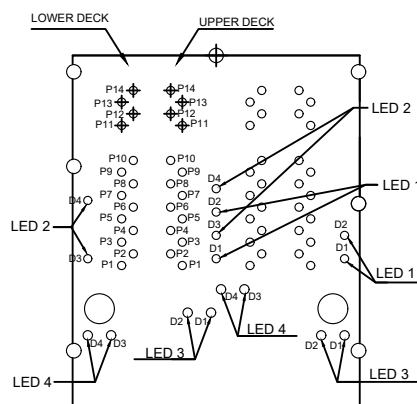


REV:	ECN. NO.	NAME	DATE
A0	-----	-----	08-08-2026



LED 2 & 4 POLARITY			LED 1 & 3 POLARITY		
D4	D3	COLOR	D2	D1	COLOR
+	-	YELLOW	+	-	YELLOW
-	+	GREEN	-	+	GREEN

LED ELECTRICAL / OPTICAL CHARACTERISTICS:			
COLOR	IF	VF(FORWARD VOLTAGE)	AD DOMINANT WAVELENGTH
GREEN	20mA	2.2 V	565nm
YELLOW	20mA	2.2 V	585nm



TOLERANCE UNSPECIFIED
.0 ±0.38
.00 ±0.38
.000 ±0.38
ANGLE ±3.00°
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FOR YOUR
VITAL CONNECTION

TITLE: RJ45 2X2 10/100/1000BASE-T POE PLUS

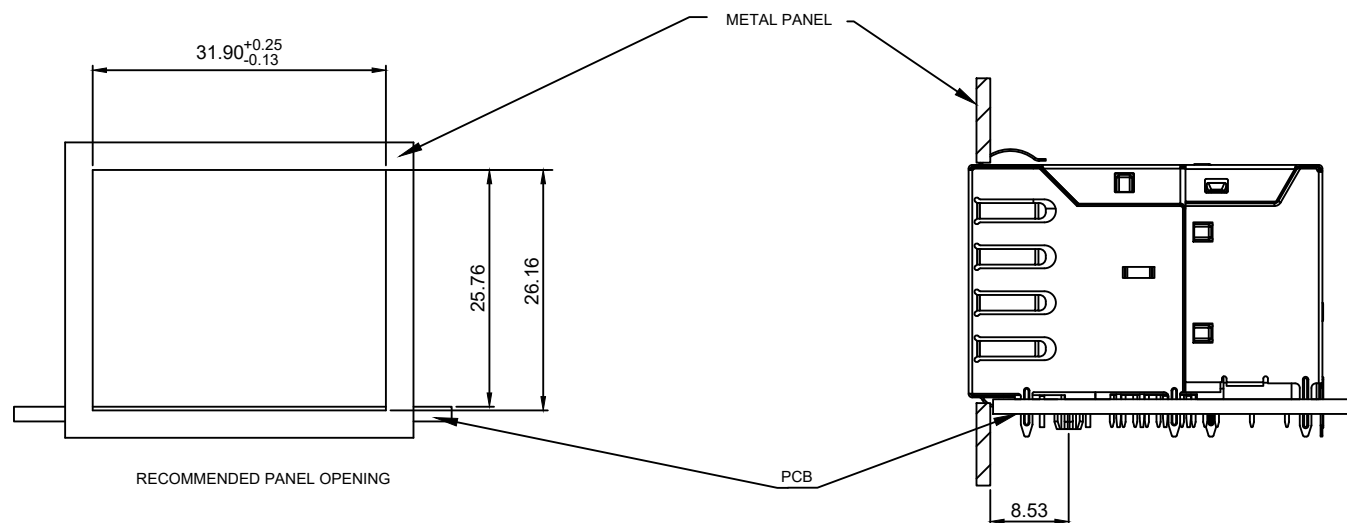
DRAWN BY:	Zou Long	PART NO:	J22UG11A3DLB6	SHEET:	4 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00222	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

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A0	-----	-----	08-08-2026

SUGGESTED PANEL OPENING



NOTE:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

TOLERANCE UNSPECIFIED
.0 ±0.38
.00 ±0.38
.000 ±0.38
ANGLE ±3.00°
MANUFACTURING COPY



FOR YOUR
VITAL CONNECTION

TITLE: RJ45 2X2 10/100/1000BASE-T POE PLUS

DRAWN BY:	Zou Long	PART NO:	J22UG11A3DLB6	SHEET:	3 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00222	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

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REV:	ECN. NO.	NAME	DATE
A0	-----	-----	08-08-2026

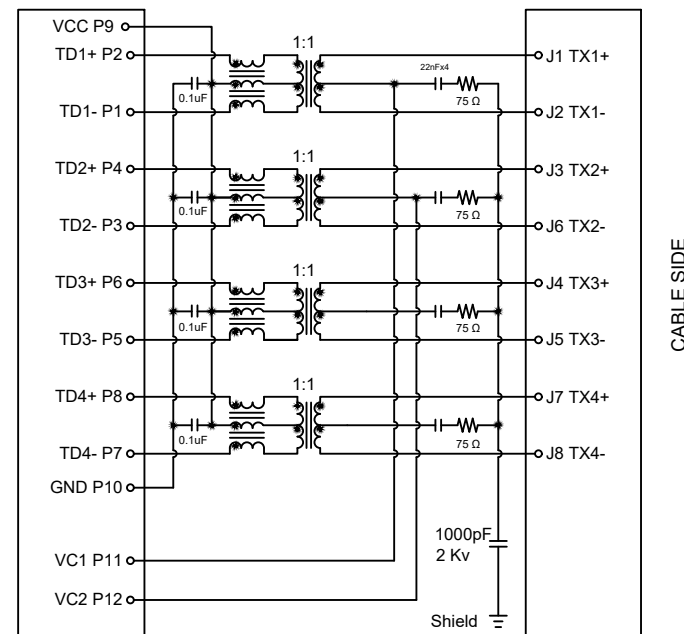
SPECIFICATIONS:

1. COMPLIES WITH IEEE STANDARDS AND ALL 10/100/1000M ETHERNET SPECIFICATIONS INCLUDING 350uH WITH 8mA DC BIAS
2. INTER GRATED MAG-MODULAR DESIGN PROVIDES HIGHER RELIABILITY AND CONSERVES MINIMIZING PCB SPACE
3. HOUSING : THERMOPLASTIC LCP UL94V-0, BLACK
4. RJ45 CONTACT : PHOSPHOR BRONZE C5210, THICKNESS=0.30mm PLATED NICKEL 50U" MIN, 6U" GOLD PLATED ON CONTACT AREA
5. INPUT TERMINAL : BRASS, THICKNESS=0.30mm FINISH : 100"MIN TIN OVER 50U" MIN NICKEL
6. METAL SHIELDING : COPPER ALLOY WITH NICKEL PLATED (C2680) THICKNESS=0.20mm NICKEL 30U" MIN
7. DIFFERENT COLOR OF LEDS OPTION AVAILABLE
8. OPERATING TEMPERATURE : -40°C TO +85°C
9. STORAGE TEMPERATURE : -40°C TO +85°C

ELECTRICAL SPECIFICATIONS (25°C±5°C) :

1. TR:(100KHz,0.1V);
PINS:(P2-P1):(J1-J2)=1:1±3%
PINS:(P4-P3):(J3-J6)=1:1±3%
PINS:(P6-P5):(J4-J5)=1:1±3%
PINS:(P8-P7):(J7-J8)=1:1±3%
2. LX:(100KHz,100mV,11mA, DC Bias)
PINS: (P2,P1),(P4,P3)=350uH MINIMUM
LX:(100KHz,100mV,8mA, DC Bias)
PINS: (P6,P5),(P8,P7)=350uH MINIMUM
3. HIPOT:
PCB SIDE TO CABLE SIDE=1500VAC FOR 60 SECONDS
4. INSERTION LOSS:
-1.1dB MAXIMUM AT 1MHz TO 100MHz;
5. RETURN LOSS(Load:100 ohms):
-16dB MINIMUM AT 1MHz TO 40MHz
-10+20LOG(F/80)dB MINIMUM AT 40MHz TO 100MHz
6. CROSS TALK:
-35dB MINIMUM AT 1MHz TO 40MHz
-33+20Log(F/50)dB MINIMUM AT 40MHz TO 100MHz
7. COMMON TO COMMON MODE REJECTION:
-30dB MINIMUM AT 1MHz TO 100MHz
8. ACCORDING TO IEEE802.3-2012 FOR PSE (30WATT , 720mA) APPLICATIONS

PCB SIDE TO PHY



CABLE SIDE

TOLERANCE UNSPECIFIED
.0 ±0.38
.00 ±0.38
.000 ±0.38
ANGLE ±3.00°
MANUFACTURING COPY

VITALCON
a vital connector company

FOR YOUR
VITAL CONNECTION

TITLE: RJ45 2X2 10/100/1000BASE-T POE PLUS

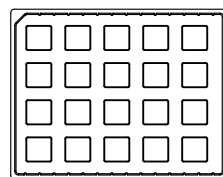
DRAWN BY:	Zou Long	PART NO:	J22UG11A3DLB6	SHEET:	4 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00222	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

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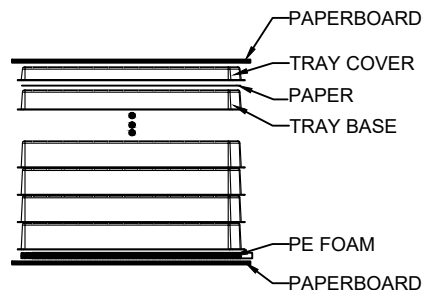


REV:	ECN. NO.	NAME	DATE
A0	-----	-----	08-08-2026

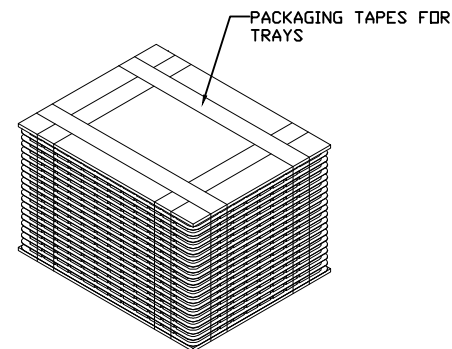
PACKAGE INFORMATION AND LABLE



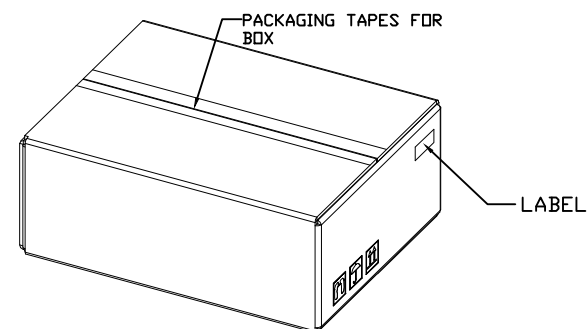
1. 20 PCS PRODUCTS IN TRAYS



2. 5PCS TRAYS OVERLAY



3. LABEL & PACKAGING TAPES FOR TRAYS:



4. LABEL & PACKAGING TAPES FOR BOX

PACKAGING LISTS	
ITEM	Q'TY
PRODUCT	100 PCS
TRAY COVER	5 PCS
TRAY BASE	5 PCS
PAPER	5 PCS
PE FOAM	1 PCS
BOX(L340*W265*H200MM)	1 PCS
LABLE	1 PCS
PACKAGING TAPES	8 M (ABOUT)

TOLERANCE UNSPECIFIED
.0 ±0.38
.00 ±0.38
.000 ±0.38
ANGLE ±3.00°
MANUFACTURING COPY

VITALCONN
a vital connector company

FOR YOUR
VITAL CONNECTION

TITLE: RJ45 2X2 10/100/1000BASE-T POE PLUS

DRAWN BY:	Zou Long	PART NO:	J22UG11A3DLB6	SHEET:	5 OF 5	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00222	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

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